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Application Number	10601741
Filing Date	2003-06-23
First Named Inventor	Bryan Starbuck
Art Unit	2154 2141
Examiner Name	Bayard
Attorney Docket Number	MS303962.01/MSFTP438US

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D.B.	1	20030041126		2003-02-27	Buford, et al.	
D.B.	2	20030088627		2003-05-08	Rothwell, et al.	

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Art Unit	<del>2154</del> 2441
Examiner Name	Bayard
Attorney Docket Number	MS303962.01/MSFTP438US

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D.B.	1	European Search Report dated April 6, 2006 and mailed April 6, 2006 for EP 04102242, 3 pages.	<input type="checkbox"/>
D.B.	2	GRAHAM. "The Future of SPAM" (2003) Computer Journal, CSI Computer Security Institute, vol. 19, no. 1, 6 pages.	<input type="checkbox"/>

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Art Unit	2464 2141
Examiner Name	Bayard
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D.B.	1	20020199095		2002-12-00	Bandini, et al.	
D.B.	2	20030204569		2003-10-00	Andrews, et al.	
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	Attorney Docket Number	MS303962.01/MSFTP438US	

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D.B.	1	6742047		2004-05-25	Michael Man-Hak Tso	
D.B.	2	6314421		2001-11-06	Sharnoff, et al.	
D.B.	3	6421709		2002-07-16	McCormick, et al.	
D.B.	4	6321267		2001-11-20	Albert L. Donaldson	
D.B.	5	6701440		2004-03-02	Kim, et al.	
D.B.	6	6167434		2000-12-26	Stephen Y. Pang	
D.B.	7	6732157		2004-05-04	Gordon, et al.	
D.B.	8	6643686		2003-11-04	Robert J. Hall	

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	9	6928465		2005-08-09	Jerry Brett Earnest	
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D.B.	3	20040199594	A1	2004-10-07	Radatti, et al.	
D.B.	4	20020091738	A1	2002-07-11	Rohrbaugh, et al.	
D.B.	5	20040073617	A1	2004-04-15	Milliken, et al.	
D.B.	6	20030229672	A1	2003-12-11	Daniel Mark Kohn	
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D.B.	1	6915334		2005-07-05	Robert J. Hall	

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D.B.	1	20030009698	A1	2003-01-09	Lindeman, et al.	
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D.B.	2	20040177120	A1	2004-09-09	Steven T. Kirsch	
D.B.	3	20030167311	A1	2003-09-04	Steven T. Kirsch	
D.B.	4	20040003283	A1	2004-01-01	Goodman, et al.	
D.B.	5	20030204569	A1	2003-10-30	Andrews, et al.	

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Attorney Docket Number	MS303962.01/MSFTP438US

D.B.	1	European Search report dated February 23, 2007, mailed February 28, 2007 for European Patent Application Serial Number 05105308, 4 pages.	<input type="checkbox"/>
D.B.	2	European Search Report dated July 5, 2006, mailed July 24, 2006 for European Application No. EP 06 01 2631, 3 pages.	<input type="checkbox"/>

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D.B.	1	9967731	WO		1999-12-29	Microsoft Corporation		<input type="checkbox"/>

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Application Number	10/601,741
Filing Date	06-23-2003
First Named Inventor	Bryan Starbuck
Art Unit	2154 2141
Examiner Name	Bryan
Attorney Docket Number	MS303962.01/MSFTP438US

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Sheet	1	of	1

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
D.B. ↓ V		US- 6,971,023	11-29-2005	Makinson, et al.	
		US- 6,775,704	08-10-2004	Watson, et al.	
		US- 6,505,250	01-07-2003	Freund, et al.	
		US- 6,047,242	04-04-2000	Benson	
		US- 6,732,273	05-04-2004	Byers	
		US- 6,393,465	05-21-2002	Leads	
		US- 6,346,416	04-08-2003	Kirsch	
		US- 6,330,590	12-11-2001	Cohen	
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
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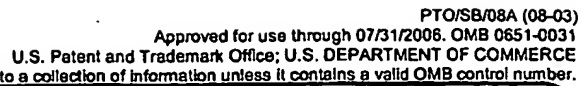
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**(Use as many sheets as necessary)**

Sheet 1 of 2

Application Number	10/601,741
Filing Date	June 23, 2003
First Named Inventor	Bryan T. Starbuck
Art Unit	2154 2.141
Examiner Name	Unknown - Bayard
Attorney Docket Number	MS303962.01/MSFTP438US

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
D.B.		WO 2004/059506	07-15-2004	Commtouch Software, Ltd.		

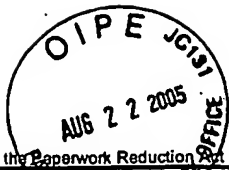
/Djenane Bayard/

03/28/2007

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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/601,741		
		Filing Date	June 23, 2003		
		First Named Inventor	Bryan T. Starbuck		
		Art Unit	2154 2141		
		Examiner Name	Unknown Bayard		
Sheet	2	of	2	Attorney Docket Number	MS303962.01/MSFTP438US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
D.B.		Partial European Search Report, EP33823TE900kap, mailed 6-21-05	

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	1	of	2
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Application Number	10/601,741
Filing Date	June 23, 2003
First Named Inventor	Bryan T. Starbuck, et al.
Art Unit	2154-2141
Examiner Name	Unknown - Bayard
Attorney Docket Number	MS303962.01/MSF-TP438US

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
D.B.		WO 02/071286	09-12-2002	MessageLabs, Ltd.		

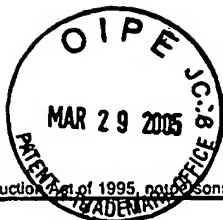
**Examiner  
Signature**

Date Considered

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete If Known**

Application Number	10/601,741
Filing Date	June 23, 2003
First Named Inventor	Bryan T. Starbuck, et al.
Art Unit	2454 2141
Examiner Name	Unknown Bayard
Attorney Docket Number	MS303962.01/MSFTP438US

Sheet	2	of	2
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
D.B.		European Search Report, EP31102NN904awe, mailed 1/27/05	
D.B.		YU WU, et al., A New Anti-Spam Filter Based on Data Mining and Analysis of Email Security, Conference Proceedings of the SPIE, Data Mining and Knowledge Discovery Theory, Tools and Technology V, vol. 5098, 21 April 2003, pp. 147-154, Orlando, FL, USA	
D.B.		MASSEY, B., et al., Learning Spam: Simple Techniques for Freely-Available Software, Proceedings of Freenix Track 2003 Usenix Annual Technical Conference, Online!, 9 June 2003, pp. 63-76, Berkley, CA, USA	
D.B.		GRAHAM, P., The Future of Spam, Computer Security Journal, CSI Computer Security Institute, vol. 19, no. 1, January 2003, pp. 1-5	
D.B.		GRAHAM, P., A Plan for Spam, Online!, August 2002, XP002273602, <a href="http://www.paulgraham.com/spam.html">http://www.paulgraham.com/spam.html</a> , retrieved on 2004-03-12	
D.B.		Partial European Search Report, EP31102RK900df, mailed 10/19/04	

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet	1	of	2
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**Complete if Known**

Application Number	10/601,741
Filing Date	June 23, 2003
First Named Inventor	Bryan T. Starbuck, et al.
Art Unit	2154 2141
Examiner Name	Unknown - Bayard
Attorney Docket Number	MS303962.01/MSFTP438US

## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
D.B.		EP 1376427	03-26-2003	Microsoft Corporation		

**Examiner  
Signature**

/Djenane Bayard/

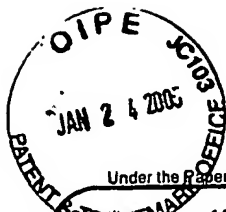
Date  
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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/601,741
				Filing Date	June 23, 2003
				First Named Inventor	Bryan T. Starbuck, et al.
				Art Unit	2454 2141
				Examiner Name	Unknown Bayard
Sheet	2	of	2	Attorney Docket Number	MS303962.01/MSFTP438US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
D.B.		European Search Report, EP31087TE900, mailed 11-11-04	
D.B.		J. BYRNE, My Spamblock, Google, January 19, 1997, 2 pages	
D.B.		D. F. SKOLL, How to Make Sure a Human is Sending You Mail, Google, November 17, 1996, 2 pages	
D.B.		L. M. BOWMAN, Hotmail Spam Filters Block Outgoing E-Mail, CNET NEWS.COM, January 18, 2001, 3 pages	

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
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Application Number	10/601,741
Filing Date	6/23/03
First Named Inventor	Bryan T. Starbuck
Art Unit	<del>2154</del> 2141
Examiner Name	Unknown Bayard
Attorney Docket Number	MS303962.01/MSFT438US

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**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANT**

***(Use as many sheets as necessary.)***



**Complete if Known**

Application Number	10/601,741
Filing Date	6/23/03
First Named Inventor	Bryan T. Starbuck
Art Unit	<del>2134</del> 2141
Examiner Name	Unknown Bayard
Attorney Docket Number	MS303962.01/MSFTP438US

Sheet	2	of	5	Attorney Docket Number	MS303962.01/MSFTP438US
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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			Filing Date	6/23/03	
			First Named Inventor	Bryan T. Starbuck	
			Art Unit	2464 2141	
			Examiner Name	Unknown Bayard	
Sheet	3	of	5	Attorney Docket Number	MS303962.01/MSFTP438US

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D.B.		D. TURNER et al., Payment-based Email. 5th International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing, June 2004. 7 pages.	
D.B.		D.A. TURNER et al., Controlling Spam through Lightweight Currency. In Proc. of the Hawaii International Conference on Computer Sciences, January 2004. 9 pages.	
D.B.		FABRIZIO SEBASTIANI. Machine Learning in Automated Text Categorization. ACM Computing Surveys, Vol. 34 Issue 1, pp. 1-47, 2002.	
D.B.		I. ANDROUTSOPOULOS, et al. Learning to Filter Spam E-mail: A Comparison of a Naive Bayesian and a Memory-based Approach. 4th PKDD's Workshop on Machine Learning and Textual Information Access, 2000. 13 pages.	
D.B.		I. ANDROUTSOPOULOS, et al., An Experimental Comparison of Naive Bayesian and Keyword-based Anti-spam Filtering with Personal E-mail Messages. Proceedings of the 23rd ACM SIGIR Conference, pp. 160-167, 2000.	
D.B.		P. PANTEL, et al., SpamCop: A Spam Classification & Organization Program. In Proc. AAAI-1998 Workshop on Learning for Text Categorization, 1998. 8 pages.	
D.B.		G. MANCO, et al., Towards an Adaptive Mail Classifier. In Proc. of Italian Association for Artificial Intelligence Workshop, 2002. 12 pages.	
D.B.		CORMAC O'BRIEN, et al., Spam Filters: Bayes vs. Chi-squared; Letters vs. Words, Proceedings of the 1st international symposium on Information and communication technologies, 2003, pp.291-296, Dublin, Ireland.	
D.B.		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.	
D.B.		LORRIE FAITH CRANOR, et al., Spam!, Communications of the ACM, 1998, pp. 74-83, Vol. 41-No.8.	

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Substitute for form 1449/PTO <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/601,741		
		Filing Date	6/23/03		
		First Named Inventor	Bryan T. Starbuck		
		Art Unit	2154-2141		
		Examiner Name	Unknown Bayard		
Sheet	4	of	5	Attorney Docket Number	MS303962.01/MSFTP438US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
D.B.		JOHN WONG, Preventing Spams and Relays, Linux Journal, December 1998, 6 pages, Vol. 1998 Issue 56es, Specialized Systems Consultants, Inc.	
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D.B.		K. MOCK, An Experimental Framework for Email Categorization and Management. Proceedings of the 24th Annual International ACM SIGIR Conference, pp.392-393, 2001.	
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Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
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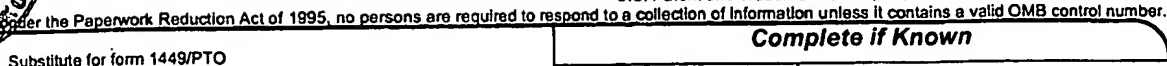
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	4
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Application Number	10/601,741
Filing Date	June 23, 2003
First Named Inventor	Bryan T. Starbuck, et al.
Art Unit	2154 2141
Examiner Name	Unknown Bayard
Attorney Docket Number	MS303962.1/MSFTP438US

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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup> (if known)	MM-DD-YYYY		
D.B.		EP720 333	07/03/1996	A T & T Corp.	
D.B.		EP413 537	02/20/1991	Digital Equipment Int.	
D.B.		WO96/35994	11/14/1996	Compuserve, Inc.	

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**Complete if Known**

Application Number	10/601,741
Filing Date	June 23, 2003
First Named Inventor	Bryan T. Starbuck, et al.
Art Unit	2454-2141
Examiner Name	Unknown Bayard
Attorney Docket Number	MS303962.1/MSFTP438US

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4

**NON PATENT LITERATURE DOCUMENTS**

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D.B.		CYNTHIA DWORK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypto '92; pp. 1-11	
D.B.		THORSTEN JOACHIMS; "Text Categorization with Support Vector Machines: Learning with Many Relevant Features"; LS-8 Report 23, November 1997, 18 pages.	
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D.B.		HINRICH SCHUTZE, et al.; "A Comparison of Classifiers and Document Representations for the Routing Problem"; Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, WA, July 9-13, 1995; pp. 229-237	
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D.B.		YIMING YANG, et al.; "An Example-Based Mapping Method for Text Categorization and Retrieval"; ACM Transactions on Information Systems, Vol. 12, No. 3, July 1994, pp. 252-277.	
D.B.		DAVID D. LEWIS, et al.; "A Comparison of Two Learning Algorithms for Text Categorization"; Third Annual Symposium on Document Analysis and Information Retrieval; April 11-13, 1994; pp. 81-93.	
D.B.		MEHRAN SAHAMI; "Learning Limited Dependence Bayesian Classifiers"; In KDD-96: Proceedings of the Second International Conference on Knowledge Discovery and Data Mining; AAAI Press, 1996; Menlo Park, CA; pp. 335-338	
D.B.		WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: <a href="http://www.research.att.com/nwcohen/pubs.html">http://www.research.att.com/nwcohen/pubs.html</a>	

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Examiner Name	Unknown Bayard
Attorney Docket Number	MS303962.1/MSFTP438US

Sheet 3 of 4

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D.B.		MAKOTO IWAYAMA, et al.; "Hierarchical Bayesian Clustering for Automatic Text Classification"; Natural Language; 1995; pp. 1322-1327.	
D.B.		DAVID D. LEWIS; "An Evaluation of Phrasal and Clustered Representations on a Text Categorization Task"; 15th Annual International SIGIR '92; Denmark 1992; pp. 37-50.	
D.B.		DAPHNE KOLLER, et al.; "Toward Optimal Feature Selection"; Machine Learning; Proc. of the Thirteenth International Conference, Morgan Kaufmann, 1996, 9 pages.	
D.B.		DAVID DOLAN LEWIS; "Representation and Learning in Information Retrieval"; University of Massachusetts, 1992	
D.B.		TOM MITCHELL; "Machine Learning"; Carnegie Mellon University, Bayesian Learning, Chapter 6, pp. 180-184	
D.B.		Y. H. Li, et al.; "Classification of Text Documents"; Department of Computer Science and Engineering, Michigan State University, E. Lansing, Michigan, The Computer Journal, Vol. 41, No. 8, 1998; 537-546.	
D.B.		JUHA TAKKINEN, et al.; "CAFE: A Conceptual Model for Managing Information in Electronic Mail"; Laboratory for Intelligent Information Systems, Department of Computer and Information Science, Linkoping University, Sweden, Conference on System Sciences, 1998 IEEE	
D.B.		JACOB PALME, et al.; "Issues When Designing Filters In Messaging Systems"; Department of Computer and Systems Sciences, Stockholm University, Royal Institute of Technology, Skeppargarten 73, S-115 30, Stockholm, Sweden, Computer Communications; 1996; pp. 95-101.	
D.B.		RICHARD B. SEGAL, et al., "SwiftFile: An Intelligent Assistant for Organizing E-Mail"; IBM Thomas J. Watson Research Center	
D.B.		MEHRAN SAHAMI, et al., "A Bayesian Approach to Filtering Junk E-Mail"; Stanford University	

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		Filing Date	June 23, 2003		
		First Named Inventor	Bryan T. Starbuck, et al.		
		Art Unit	2154-2141		
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D.B.		DAVID MADIGAN, "Statistics and The War on Spam," Rutgers University, pp. 1-13, 2003	
D.B.		PADRAIG CUNNINGHAM, et al., "A Case-Based Approach to Spam Filtering that Can Track Concept Drift," Trinity College, Dublin, Department of Computer Science, 5/13/03	
D.B.		MARK ROSEN, "E-mail Classification in the Haystack Framework," Massachusetts Institute of Technology, February, 2003	
D.B.		KEVIN R. GEE, Using Latent Semantic Indexing to Filter Spam, Dept. of Computer Science and Engineering, University of Texas-Arlington, 5 pages	
D.B.		THORSTEN JOACHIMS, Transductive Inference for Text Classification Using Support Vector Machines, In Proceedings of the 16th International Conference on Machine Learning, 1999, pp. 200-209, San Francisco, USA	

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